

Title (en)
BIOCHIP

Title (de)
BIO-CHIP

Title (fr)
BIOPUCE

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Application
EP 03795751 A 20031215

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Abstract (en)
[origin: WO2004057335A1] The invention relates to a biochip comprising a flat carrier and an array of spots containing catcher molecules which are arranged on said carrier. Each spot is associated with a microelectrode arrangement for impedance spectroscopic detection of binding events occurring between the catcher molecules and the target molecules applied by means of an analyte solution. In order to increase the sensitivity or the binding-specific measuring effects of the bio-chip, the electrode arrangement is at least partially embedded in a hydrophilic reaction layer containing catcher molecules and which is permeable to target molecules.

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C12M 1/34 (2013.01 - US); **G01N 27/026** (2013.01 - EP US); **G01N 33/5438** (2013.01 - EP US)

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See references of WO 2004057335A1

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